

# Maternal blood test is effective for Down syndrome screening in twin pregnancies

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Cell-free DNA (cfDNA) testing, which involves analyzing fetal DNA in a maternal blood sample, is a non-invasiveness and highly accurate test for Down syndrome in singleton pregnancies, but its effectiveness in twin pregnancies has been unclear. A new analysis published in *Ultrasound in Obstetrics & Gynecology* reveals that cfDNA testing for Down syndrome in twins is just as effective as in singletons, with a detection rate of 98% and only a 0.05% rate of misdiagnosis.

The analysis combined information from a dataset of 997 twin pregnancies in addition to results from seven previously published studies.

In many countries, including the United States, cfDNA testing is not recommended for use in [twin pregnancies](#). These latest findings provide compelling evidence that mothers carrying twins should not be denied this safe and effective test.

**More information:** *Ultrasound in Obstetrics & Gynecology*, DOI: [10.1002/uog.20284](https://doi.org/10.1002/uog.20284)

Provided by Wiley

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